

SPECIFICATION:

Page 5, paragraphs beginning on line 18 and 27, respectively:

(1) A martensitic stainless steel comprising in mass % C: 0.15 – 0.22%, Si: 0.18 – 1.0%, Mn: 0.05 – 1.0%, Cr: 10.5 – 14.0% and Fe as substantial residual, and further including Ni: not more than 0.20%, Al: not more than 0.05%, N: not more than 0.100%, S: not more than 0.015% and P: not more than 0.020% as impurities, wherein a scale layer on the surface of the base material consists of an inner layer scale including mainly FeCr_2O_4 and an outer layer scale having a thickness of not more than 20 μm deposited on the surface of the inner layer scale at a surface coverage of not less than 1% and not more 15%, and wherein rust preventive oil is applied to the surface of said scale layer.

(2) A method for manufacturing a martensitic stainless steel, comprising the steps of: heating a base material comprising in mass % C: 0.15 – 0.22%, Si: 0.18 – 1.0%, Mn: 0.05 – 1.0%, Cr: 10.5 – 14.0% and Fe as substantial residual, and further including Ni: not more than 0.20%, Al: not more than 0.05%, N: not ~~more~~ more than 0.100%, S: not more than 0.015% and P: not more than 0.020% as impurities in a quenching furnace at 850 – 980°C; completely descaling a scale layer formed on the surface of the base material; quenching the base material; tempering the base material in a tempering furnace; partially descaling a scale layer newly formed on the surface of the base material to form a finished scale layer consisting of an inner layer scale including mainly FeCr_2O_4 and an outer layer scale having a thickness of not more than 20 μm deposited on the surface of the inner layer scale at a surface coverage of not less than 1% and not more 15%; and applying rust preventive oil.